ELSEVIER

Fluid Phase Equilibria, 98 (1994) 235

FLUID PHASE EQUILIBRIA

## Subject Index

activity, 189
alcohols, 71
alkyl alkanoate, 225
application, 55, 179
ASOG, 189

binary mixtures, 225
brominated hydrocarbons, 213

computer simulation, 71, 129
continuous thermodynamics, 113
critical scaling, 35
cubic, 55
curvature, 13

data, 141, 163, 179, 189, 201, 213, 225
density, 49

electrolytes, 71
equation of state, 1, 49, 55, 91
ethyl bromoalkanoate, 225
excess enthalpy, 149
excess molar volume, 225
excess volumes, 173
experiments, 141, 149, 163, 173, 179, 189, 201, 213, 225

Gibbs ensemble, 129
group contribution, 71, 179, 189
group contributions, 149

hard-convex body, 49
*n*-hexane, 225
hydrocarbon mixtures, 35

infinite dilution activity coefficients, 213
interfaces, 13

lattice–fluid model, 113
Lennard-Jones, 129
liquid–liquid, 141
liquid–liquid equilibria, 91, 129, 163
liquid–liquid–gas, 201

methods of calculation, 1
mixing rules, 91
mixtures, 201
molecular interaction, 225
Monte Carlo, 129
multicomponent, 35

NRTL-equation, 163

perturbed hard-sphere, 55
phase equilibrium, 35
phase rule for capillary systems, 13
polar, 55
polar mixtures, 149
polar solvent, 163
polydisperse polymers, 113
polymer solutions, 113
polyols, 189
Progogine–Flory–Patterson theory, 225

solid–liquid, 141
solid–liquid–gas, 201
sugars, 189

ternary mixtures, 173
theory, 1, 13, 35, 49, 55, 71, 91, 113, 129, 173

upper critical solution temperature, 163
urea, 189

vapor–liquid equilibria, 55
vapor–liquid equilibrium, 35
vapour–liquid equilibria, 1
virial, 49
VLE low pressure, 179

water, 71, 189, 213
water activity, 189

0378-3812/94/$07.00 © 1994 – Elsevier Science B.V. All rights reserved

ELSEVIER

Fluid Phase Equilibria, 98 (1994) 236

FLUID PHASE EQUILIBRIA

## Author Index

Achard, C., 71
Ait-Kaci, A., 179
Aly, G., 55
Artal, M., 149
Ashour, I., 55

Bittrich, H.-J., 163

Chou, C.H., 91
Comesaña, J.F., 189
Correa, A., 189

Dave, J.P., 225
De Vera, G., 141
Dussap, C.G., 71

Gomis, V., 141
Gonzalez, J.A., 179
Gros, J.B., 71
Guo, M.X., 129

Hall, K.R., 49
Hu, Y., 113

Iglesias Silva, G.A., 49

Jose, J., 179

Kehiaian, H.V., 179
Khalfaoui, B., 213

Lempe, D., 163
Li, D., 13
Li, Y.G., 129
Li, Z.C., 129

López, E., 141
Lu, J.F., 129
Luks, K.D., 201
Lynch, J.J., 35

Malanowski, S., 163
Marongiu, B., 149
Marras, G., 149
Michelsen, M.L., 1

Newsham, D.M.T., 213

Oswal, P., 225
Oswal, S.L., 225
Otin, S., 149

Patton, C.L., 201
Prabhakara Rao, M.V., 173
Prausnitz, J.M., 113

Reinhardt, K., 163
Ruiz, F., 141

Saquete, M.D., 141
Sereno, A.M., 189
Smith, D.H., 35

Venkatesu, P., 173

Wong, D.S.H., 91
Wu, D.T., 113
Wüstling, J.-U., 163

Yahiaoui, A., 179
Ying, X., 113

0378-3812/94/$07.00 © 1994 – Elsevier Science B.V. All rights reserved